SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Form 6-K

Report of Foreign Private Issuer

Pursuant to Rule 13a-16 or 15d-16
of the Securities Exchange Act of 1934

For the month of November

Commission File Number 000-31062

Oncolytics Biotech Inc.

(Translation of registrant's name into English)

Suite 210, 1167 Kensington Crescent NW
Calgary, Alberta, Canada T2N 1X7

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F ☑ Form 40-F ☐

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): ☐

Note: Regulation S-T Rule 101(b)(1) only permits the submission in paper of a Form 6-K if submitted solely to provide an attached annual report to security holders.

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): ☐

Note: Regulation S-T Rule 101(b)(7) only permits the submission in paper of a Form 6-K if submitted to furnish a report or other document that the registrant foreign private issuer must furnish and make public under the laws of the jurisdiction in which the registrant is incorporated, domiciled or legally organized (the registrant's "home country"), or under the rules of the home country exchange on which the registrant's securities are traded, as long as the report or other document is not a press release, is not required to be and has not been distributed to the registrant's security holders, and, if discussing a material event, has already been the subject of a Form 6-K submission or other Commission filing on EDGAR.

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes ☐ No ☑

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82 - _____

EXHIBIT NUMBER	DESCRIPTION
99.1	Press Release

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Oncolytics Biotech Inc.
(Registrant)

By: /s/ *Kirk Look*
Kirk Look
Chief Financial Officer

Date: November 26, 2018

Oncolytics Biotech® Announces First Patient Treated in Phase 2 Study Combining Pelareorep and Keytruda ® in Advanced Pancreatic Cancer

CALGARY, AB and SAN DIEGO, CA November 26, 2018 -- Oncolytics Biotech® Inc. (NASDAQ: ONCY) (TSX: ONC), currently developing pelareorep, an intravenously delivered immuno-oncolytic virus, today announced that the first patient was treated in a phase 2 study combining pelareorep with Merck's Keytruda® to treat advanced pancreatic adenocarcinoma. The primary objective of the study is to determine the overall response rate (ORR) by iRECIST criteria. Secondary objectives include safety of the combination, immune response as determined by analysis of pre- and post-treatment biopsies and blood-based immune markers, determination of progression-free survival (PFS) by iRECIST criteria; and one-year, two-year and median overall survival (OS).

"We are very excited to start enrollment in this combination study which expands upon our findings from an earlier Keytruda study in advanced pancreatic cancer," said Dr. Matt Coffey, President and Chief Executive Officer of Oncolytics Biotech. "REO 024, our previous phase 1b study with Keytruda, showed objective response, long-term stabilization of disease and promotion of an inflamed phenotype in second line pancreatic cancer patients. This new phase two study should corroborate anti-tumor activity and potentially confirm predictive biomarkers laying the groundwork towards our goal of becoming a standardized backbone for checkpoint inhibitors."

This study is a phase 2, single arm, open-label study enrolling up to 30 patients with advanced pancreatic adenocarcinoma who experienced disease progression or did not tolerate first-line therapy. The principal investigator is Dr. Devalingham Mahalingam, of Northwestern University. The first 16 patients will be enrolled in stage one, and up to 14 additional patients will be enrolled in stage two if pre-specified criteria are met. The pre-defined criteria state that, for the primary objective, three or more responses out of 16 are needed in stage one to continue the trial to the full 30 patients.

For more information about the study, including a comprehensive list of inclusion and exclusion criteria, please visit: www.clinicaltrials.gov (identifier: NCT03723915).

About Pelareorep
Pelareorep is a non-pathogenic, proprietary isolate of the unmodified reovirus: a first-in-class intravenously delivered immuno-oncolytic virus for the treatment of solid tumors and hematological malignancies. The compound induces selective tumor lysis and promotes an inflamed tumor phenotype through innate and adaptive immune responses to treat a variety of cancers and has been demonstrated to be able to escape neutralizing antibodies found in patients.

About Oncolytics Biotech Inc.
Oncolytics is a biotechnology company developing pelareorep, an intravenously delivered immuno-oncolytic virus. The compound induces selective tumor lysis and promotes an inflamed tumor phenotype -- turning "cold" tumors "hot" -- through innate and adaptive immune responses to treat a variety of cancers. Oncolytics' clinical development program emphasizes three pillars: chemotherapy combinations to trigger selective tumor lysis and immuno-therapy and immune modulator (IMiD) combinations to produce innate and adaptive immune responses. Oncolytics is currently conducting and planning additional studies in combination with checkpoint inhibitors and targeted and IMiD therapies in solid and hematological malignancies, as it prepares for a phase 3 registration study in metastatic breast cancer. For further information, please visit: www.oncolyticsbiotech.com.

This press release contains forward-looking statements, within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended and forward-looking information under applicable Canadian securities laws (such forward-looking statements and forward-looking information are collectively referred to herein as "forward-looking statements"). Forward-looking statements, including the Company's belief as to the potential and mode of action of REOLYSIN, also known as pelareorep, as a cancer therapeutic; and other statements related to anticipated developments in the Company's business and technologies involve known and unknown risks and uncertainties, which could cause the Company's actual results to differ materially from those in the forward-looking statements. Such risks and uncertainties include, among others, the availability of funds and resources to pursue research and development projects, the efficacy of pelareorep as a cancer treatment, the success and timely completion of clinical studies and trials, the Company's ability to successfully commercialize pelareorep, uncertainties related to the research and development of pharmaceuticals, uncertainties related to the regulatory process and general changes to the economic environment. Investors should consult the Company's quarterly and annual filings with the Canadian and U.S. securities commissions for additional information on risks and uncertainties relating to the forward-looking statements. Investors are cautioned against placing undue reliance on forward-looking statements. The Company does not undertake to update these forward-looking statements, except as required by applicable laws.

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